

WHAT IS CLAIMED IS:

1. A dosimeter comprising:
a support; at least one first region disposed on said support, the first region containing alanine and a binder;
at least one second region disposed on said support;
wherein the first region is capable of measuring an absorbed dose of ionizing radiation and the second region bears an identification mark on a substrate.
2. The dosimeter of claim 1 wherein the identification mark is a bar code, a series of alpha-numeric characters or a combination thereof.
3. The dosimeter of claim 1 wherein the substrate for the identification mark is a label.
4. The dosimeter of claim 1 wherein the substrate for the identification mark is a label which is adhered to the support by means of a thermally activated adhesive.
5. The dosimeter of claim 1 wherein the substrate for the identification mark is a label the topmost surface of which is coated with an intermediate layer and a dark-colored layer.
6. The dosimeter of claim 1 wherein the substrate for the identification mark is a label the topmost surface of which is coated with an intermediate layer and a dark-colored layer which is black.
7. The dosimeter of claim 1 wherein the substrate for the identification mark is an intermediate layer and a dark-colored layer coated directly onto the support.

8. The dosimeter of claim 1 wherein the substrate for the identification mark extends partially over the alanine-containing layer.

9. The dosimeter of claim 1 wherein the identification mark is uncovered/revealed through the use of a laser.

10. The dosimeter of claim 1 wherein the identification mark is printed onto a strip.

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